ENVIRONMENTAL CHEMISTS

Analysis For Total Metals By EPA Method 200.8

Client ID: M116353 Date Received: 05/03/07 Date Extracted: 05/04/07 Date Analyzed: 05/04/07 Matrix: Water Units: ug/L (ppb)

Client: Project: Lab ID: Data File: Alaskan Copper Works

Metro Self Monitor, PO# M116353 705041-01 x10

705041-01 x10.023 Instrument: ICPMS1 Operator: HR

Lower

Internal Standard: Germanium

Copper

Zinc

% Recovery: 79

> 268 25.6

Limit: 60

Upper Limit: 125

Concentration Analyte: ug/L (ppb) Chromium 827 Nickel 609

ENVIRONMENTAL CHEMISTS

Analysis For Total Metals By EPA Method 200.8

Client ID: Method Blank Date Received: Not Applicable

Date Extracted: 05/04/07
Date Analyzed: 05/04/07
Matrix: Water
Units: ug/L (ppb)

Zinc

Client: Alaskan Copper Works Project: Metro Self Monitor, PO

pject: Metro Self Monitor, PO# M116353

Upper

Lab ID: I7-161 mb
Data File: I7-161 mb.016
Instrument: ICPMS1
Operator: HR

Lower
Internal Standard: % Recovery: Limit:

Internal Standard: % Recovery: Limit: Limit: Germanium 93 60 125

<1

Concentration
Analyte: ug/L (ppb)

Chromium
Nickel <1
Copper <1

ENVIRONMENTAL CHEMISTS

Date of Report: 05/08/07 Date Received: 05/03/07

Project: Metro Self Monitor, PO# M116353, F&BI 705041

QUALITY ASSURANCE RESULTS FOR THE ANALYSIS OF WATER SAMPLES FOR TOTAL METALS USING EPA METHOD 200.8

Laboratory Code: 705037-01 (Duplicate)

				Kelative		
		Sample	Duplicate	Percent	Acceptan	ce
Analyte	Reporting Units	s Result	Result	Difference	Criteria	a
Chromium	ug/L (ppb)	<1	<1	nm	0-20	
Nickel	ug/L (ppb)	1.01	<1	nm	0-20	
Copper	ug/L (ppb)	103	101	2	0-20	
Zinc	ug/L (ppb)	9.41	9.90	5	0-20	

Laboratory Code: 705037-01 (Matrix Spike)

						Percen	t	
				Spike	e Sample	e Recover	ry Acceptance	е
	Analyte	Repor	ting Unit	s Leve	l Result	: MS	Criteria	
	Chromium	ug/	L (ppb)	20	<1	101	50-150	- IÇ
1	Nickel	ug/	L (ppb)	20	1.01	100	50-150	
	Copper	ug/	L (ppb)	20	103	96 b	50-150	
	Zinc	ug/	L (ppb)	50	9.41	92	50-150	

Laboratory Code: Laboratory Control Sample

			Spike	Percent Recovery	Acceptance
Ü	Analyte	Reporting Units	F 10000 - 10000	LCS	Criteria
	Chromium	ug/L (ppb)	20	108	70-130
	Nickel	ug/L (ppb)	20	104	70-130
	Copper	ug/L (ppb)	20	103	70-130
	Zinc	ug/L (ppb)	50	92	70-130

nm - The analyte was not detected in one or more of the duplicate analyses. Therefore, calculation of the RPD is not applicable.

b - The analyte was spiked at a level that was less than five times that present in the sample. Matrix spike recoveries may not be meaningful.

ENVIRONMENTAL CHEMISTS

James E. Bruya, Ph.D. Charlene Morrow, M.S. Yelena Aravkina, M.S. Bradley T. Benson, B.S. Kurt Johnson, B.S. 3012 16th Avenue West Seattle, WA 98119-2029 TEL: (206) 285-8282 FAX: (206) 283-5044 e-mail: fbi@isomedia.com

May 8, 2007



INVOICE #07ACU0508-1

Accounts Payable Alaskan Copper Works 628 South Hanford Seattle, WA 98134

RE: Project Metro Self Monitor, PO# M116353, F&BI 705041 - Results of testing requested by Gerry Thompson for material submitted on May 3, 2007.

1 sample analyzed for Total Chromium, Copper, Nickel and Zinc by Method 200.8 @ \$80 per sample	\$ 80.00
Rush Charges (5 day) 50% of \$80.00	40.00
Amount Due	\$ 120.00

FEDERAL TAX ID # (b) (6)

705041			SAM	IPLE	CHAJ	N OF C	JST	OI	Y	9	ME		00	_ U	2 -1	1	-	A-L	4		
Send Report To GRAD Thompson Company ALASKAN Copper cushes				SAMPLERS (signature) Page # of TURNAROUND TIME												=					
Company ALASKAN Comer Curries				PROJECT NAME/NO. PO#								\neg	☐ Standard (2 Weeks)								
Address 628 5, HAZDOLL ST				Bretro Selfmoniton M1/6353								3	Rush charges authorized by:								
				REMA	RKS									-	SAMPLE DISPOSAL						
City, State, ZIP Seattle				Something to the second									☐ Dispose after 30 days ☐ Return samples								
Phone # 206 571-607	73 Fax # 206	2-352-4	509	Please fax Rosults										☐ Will call with instructions							
					ANALYSES REQUESTED													•			
' Sample ID	Lab ID	Date	Time	Samp	е Туре	# of containers	TPH-Diesel	TPH-Gasoline	BTEX by 8021B	VOCs by 8260	SVOCs by 8270	HFS		of Cuntin		2000			Not	es	
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ENVIRONMENTAL CHEMISTS

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May 8, 2007

Gerry Thompson, Project Manager Alaskan Copper Works 628 South Hanford Seattle, WA 98134

Dear Mr. Thompson:

Included are the results from the testing of material submitted on May 3, 2007 from the Metro Self Monitor, PO# M116353, F&BI 705041 project. There are 3 pages included in this report. Any samples that may remain are currently scheduled for disposal in 30 days. If you would like us to return your samples or arrange for long term storage at our offices, please contact us as soon as possible.

We appreciate this opportunity to be of service to you and hope you will call if you should have any questions.

Sincerely,

FRIEDMAN & BRUYA, INC.

Michael Erdahl Project Manager

Enclosures ACU0508R.DOC